

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	953	348/308.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:40
L2	4	drain with high near4 (potential or voltage) with charge with blanking	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:46
L3	1617	drain with high near4 (potential or voltage) with charge	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:10
L4	12	1 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:47
L5	307	348/296.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:47
L6	5	5 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:49
L7	134	348/304.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:49
L8	4	7 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:51
L9	678	348/300-302.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:51
L10	10	9 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:51

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## EAST Search History

L11	521	drain with high near4 (potential or voltage) with (storage or FD or (floating adj2 diffusion))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:04
L12	10	11 and (1 or 5 or 7 or 9)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:58
L13	4511	drain with (potential or voltage) with (storage or FD or (floating adj2 diffusion))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 10:58
L14	117	13 and (1 or 5 or 7 or 9)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:11
L15	15	drain with high near4 (potential or voltage) with blanking	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:06
L16	8	drain with high near4 (potential or voltage) with (electronic near4 shutter)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:07
L17	11	(drain with high near4 (potential or voltage)) same (electronic near4 shutter)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:07
L18	5209	(drain with high near4 (potential or voltage)) and (power near3 consum\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:11
L19	29	18 and (1 or 5 or 7 or 9)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:12
L20	206	yamaguchi-takumi\$6.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:13
L21	9	20 and (drain with high)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:15

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L22	50	komobuchi-hiroyoshi\$6.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/26 11:15
S1	800	348/308.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:44
S2	217	(FD or (float\$3 near3 diffusion)) same drain same reset\$4 same (potential or voltage or pulse) same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:16
S3	31	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:50
S4	130	348/304.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:49
S5	2	S4 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:52
S6	137	348/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:51
S7	2	S6 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 17:52
S8	9	(FD or (float\$3 near3 diffusion)) same gate same ((read\$3 or amplif\$5 or detect) with transistor\$1) same (metal near4 layer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:26
S9	8	gate same ((read\$3 or amplif\$5 or detect) with transistor\$1) same (metal near4 layer\$1) same ((block\$3 or prevent\$3) with light)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:24
S10	0	(FD near5 lines\$1) with light with metal with (block\$3 or prevent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:28

## EAST Search History

S12	78	drain with light with metal with (block\$3 or prevent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:44
S13	290	348/296.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:44
S14	6	S13 and (metal with (block\$3 or prevent\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:51
S15	45	(metal with (block\$3 or prevent\$3)) and (S1 or S4 or S6)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:15
S16	137	348/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:51
S17	16	S16 and ((metal with (block\$3 or prevent\$3)) or (light near5 shield\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:56
S18	126	348/301.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 18:55
S19	11	S18 and ((metal with (block\$3 or prevent\$3)) or (light near5 shield\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:00
S20	402	348/302.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:00
S21	75	S20 and ((metal with (block\$3 or prevent\$3)) or (light near5 shield\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:12
S22	11716	(first adj3 metal adj3 layer) same (second adj2 metal adj3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:20

## EAST Search History

S23	10192	(first adj3 metal adj3 layer) with (second adj2 metal adj3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:14
S25	3	S23 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:15
S26	10	S23 and (S1 or S4 or S6)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:17
S27	1	S23 and (S13 or S16 or S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:17
S28	28	S23 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:18
S30	89	(first adj3 metal adj3 layer) same (second adj2 metal adj3 layer) same ((prevent\$3 or block\$3) with light)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/05 19:21

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(amplif\$4 and pixel and (photoelectric near4 conver\$4) and (read\$3 near2 transistor) and (reset\$4 near3 transistor) and (detect\$3 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:26
L2	2	(amplif\$4 and pixel and (read\$3 near2 transistor) and (reset\$4 near3 transistor) and (detect\$3 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:27
L3	2	(amplif\$4 and (read\$3 near2 transistor) and (reset\$4 near3 transistor) and (detect\$3 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:27
L4	2	(amplif\$4 and (read\$3 near2 transistor) and (reset\$4 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:27
L5	3	(amplif\$4 and (reset\$4 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:29
L6	33	(amplif\$4 and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:28
L7	7	((reset\$4 near3 transistor) and (storage or FD or (floating adj2 diffusion)) and (drain with high)).CLM.	US-PGPUB	OR	ON	2006/11/26 11:29

Interference Search History printout. LN